



CENTED



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE AMENDMENT TRANSMITTAL LETTER AND TRADEMARK OFFICE AMENDMENT TRANSMITTAL LETTER

I hereby certify that this correspondence is being deposited with the U.S. Postal Service 2000 as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on November 21, 2001.

Carolle Cook

Applicant

Takuyuki Yamaguchi, et al.

Application No.:

09/886,443

Filed

June 20, 2001

Title

METHOD AND APPARATUS TO DETERMINE A DISCRIMINATION

THRESHOLD OF A RECEIVED SIGNAL. AND AN OPTICAL

TRANSMISSION SYSTEM

Grp./Div.

2874

Examiner

To be assigned

Docket No.

45355/DBP/T360

Assistant Commissioner for Patents Washington, D.C. 20231

Post Office Box 7068 Pasadena, CA 91109-7068 November 21, 2001

Enclosed is an amendment to the above-identified application.

	(ELAIMS AS	AMENDE	D.	T 14	g De Language managan
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	39	* 20	19	x \$9.00	19 x \$18.00	342.00
Independent Claims	10	** 5	5	x \$42.00	5 x \$84.00	420.00
Multiple Dependent Claims ***				\$140.00	\$280.00	Ö
TOTAL FILING FEE						\$762.00
NO ADDITIONAL FEE REQUIRED ****	IF NO FEE REQUIRED, INSERT "0"					0
LIST INDEPENDENT C	LAIMS: 1, 3, 5, 8	2 200 0				

* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS:20:OR LESS, WRITE 20: IN COLUMN 3
** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS:3 OR LESS, WRITE 3: IN COLUMN 3

*** PAY THIS FEE ONLY WHEN MULTIPLE DEEENDENT CLAIMS ARE ADDED FOR THE FIRST TIME

**** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO BOX NONFEE AMENDMENTS"

X Attached is our check for \$762.00 to pay the fees calculated above.

A Petition for Extension of Time and the required fee are enclosed.

Amendment Transmittal Letter Application No. 09/886,443

____ Other enclosures:

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. A copy of this letter is enclosed.

Respectfully submitted,

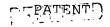
CHRISTIE, PARKER & HALE, LLP

Bv

Nicholas J. Paule

Reg. No. 44,999 626/795-9900

NJP/clc CLC PAS397252.1-*-11/20/01 4:25 PM



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3/A L. 20.02 L. M. 30.02

I hereby certify that this correspondence is being deposited with the $U_i S_c Postal$ is the property 2800 Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on November 21, 2001.

Applicant

: Takuyuki Yamaguchi, et al.

Application No. : 09/886,443

Filed

: June 20, 2001

Title

: METHOD AND APPARATUS TO DETERMINE A

DISCRIMINATION THRESHOLD OF A RECEIVED SIGNAL,

AND AN OPTICAL TRANSMISSION SYSTEM

Grp./Div.

Examiner

: To be assigned

Docket No.

: 45355/DBP/T360

SUPPLEMENTAL PRELIMINARY AMENDMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Post Office Box 7068 Pasadena, CA 91109-7068 November 21, 2001

Commissioner:

Please amend the above-identified application as follows:

In the Claims:

Please add new claims 16-39.

A method to determine a discrimination threshold of a received signal input from an optical transmission line, comprising steps of:

measuring a bit error rate of the received signal at each of a plurality of discrimination thresholds by changing a polarization direction of an optical signal to enter the optical transmission line to detect the worst bit error rate at each discrimination threshold; and

searching a predetermined bit error rate from the plurality

01/11/2002 MWOLDER1 00000007 09886443

01 FC:102 02 FC:103

420.00 OP 342.00 OP -1-